

Notice of Allowability

Application No.

09/765,882

Examiner

Ting Zhou

Applicant(s)

ABU-HUSEIN, LOAY

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9 March 2006.
2. ☒ The allowed claim(s) is/are 1,2,6-14 and 16-25.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

The amendment filed on 9 March 2006 have been received and entered. Claims 1-2, 6-14 and 16-25 as amended are pending in the application.

Allowable Subject Matter

Claims 1-2, 6-14 and 16-25 are allowed.

The following is an examiner's statement of reasons for allowance: The present invention teaches extendable architecture applications that allow versioning, updating, and remote configuration of peripheral devices such as printers via a web application server. Each of the independent claims identify the unique feature of the loading mechanism configured to deliver a first application in a first, dedicated servlet to the one appliance and deliver the second application in a second, dedicated servlet to the another appliance where the second, dedicated servlet is unique from the first, dedicated servlet, the loading mechanism being configured to automatically update one of the first dedicated servlet and the second dedicated servlet responsive to a user locally changing desired settings for one of the one appliance and the another appliance, respectively. The closet prior art, Yan et al. U.S. Patent 6,003,065 and Inoue et al. U.S. Patent 6,456,388 teach an appliance application loading system for a network environment that has a loading mechanism operative to download applications to appliances from the web application server upon the occurrence of a power on/off cycle, the application body being accessed by the URL associated with an application, upon detection of an application header. In the case of the Yan reference, Yan et al. teach a loading mechanism that downloads

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applications to peripheral devices such as printers. In the case of the Inoue reference, Inoue et al. teach an application header stored on the storage device and the URL associated with an application being initialized to access the application body when the loading mechanism detects the application header. However, the prior art fail to teach the loading mechanism configured to deliver a first application in a first, dedicated servlet to the one appliance and deliver the second application in a second, dedicated servlet to the another appliance where the second, dedicated servlet is unique from the first, dedicated servlet, the loading mechanism being configured to automatically update one of the first dedicated servlet and the second dedicated servlet responsive to a user locally changing desired settings for one of the one appliance and the another appliance, respectively. Thus, the prior art fails to teach or render the above limitations obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ting Zhou whose telephone number is (571) 272-4058. The examiner can normally be reached on Monday - Friday 7:00 am - 4:30 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached at (571) 272-4048. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TZ



KIEU D. VU.
PRIMARY EXAMINER